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- (71) Applicant (for all designated States except US): THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BREITER, Hans, C. [US/US]; Hobbs Brook Farm, 268 Cambridge Tumpike, Lincoln, MA 01773 (US). GASIC, Gregory [US/US]; 52 Standish Circle, Wellesley, MA (US).
- (74) Agent: TABTIANG, Ramon, K.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

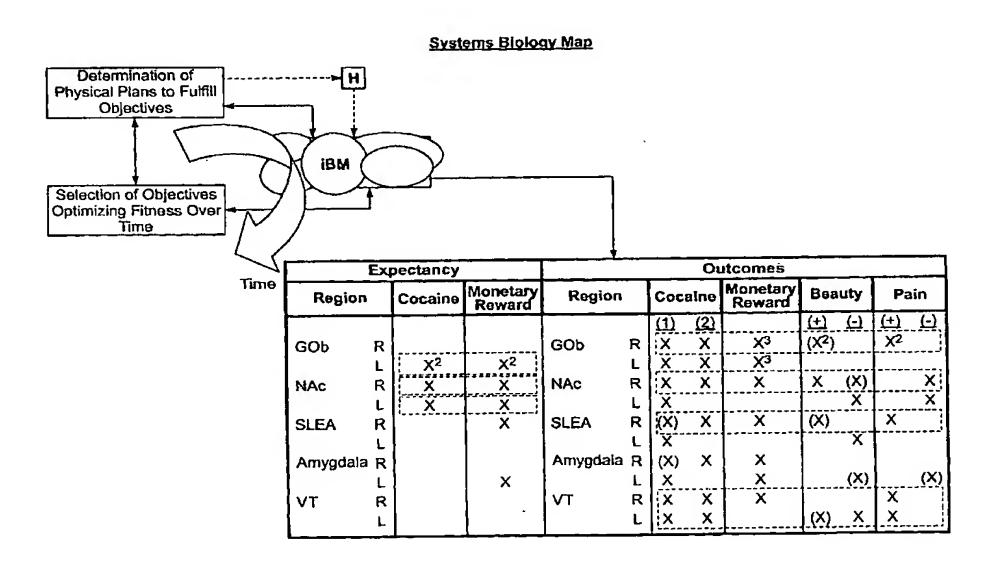
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(54) Title: COGNITION ANALYSIS



(57) Abstract: Methods for evaluating information about the structure and function of neural circuits in the brain can be used for diagnosis and gene identification. Exemplary methods and data management features consolidate relationships within multi-dimensional complex data sets, e.g., data sets that include systems biology measures, such as those obtained from neuroimaging, and, optionally also genetic measures, e.g., from the same individuals.